AUTODOC CLUB

How to change front brake pads on **AUDI Allroad (4BH, C5)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

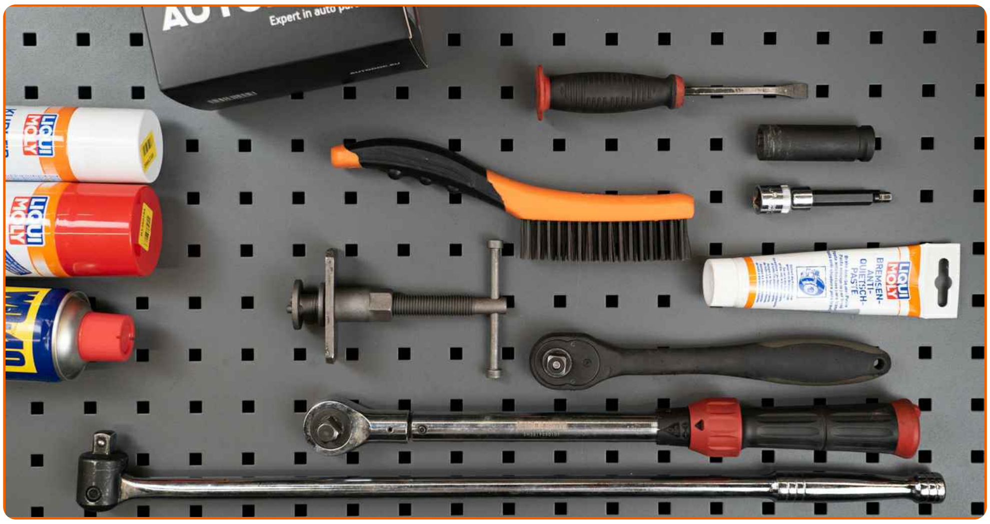
This replacement procedure can be used for:
AUDI Allroad (4BH, C5) 2.5 TDI quattro, AUDI Allroad (4BH, C5) 2.7 T quattro, AUDI Allroad (4BH, C5) 4.2 V8 quattro, AUDI Allroad (4BH, C5) 2.7 quattro

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The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: AUDI A6 Saloon (4F2, C6) 2.0 TDI

REPLACEMENT: BRAKE PADS – AUDI ALLROAD (4BH, C5). TOOLS YOU NEED:



- Wire brush
- Brake cleaner
- Anti-squeal paste
- Copper grease
- HEX bit no.H7.
- Wheel impact socket #17
- Brake caliper wind back tool
- Ratchet wrench
- Torque wrench
- Crow bar
- Wheel chock

Buy tools

Replacement: brake pads – AUDI Allroad (4BH, C5). AUTODOC recommends:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE PADS – AUDI ALLROAD (4BH, C5). USE THE FOLLOWING PROCEDURE:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.

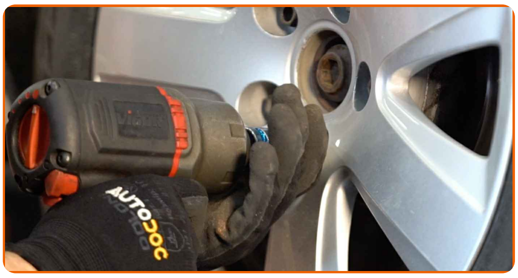


3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



4 Raise the front of the car and secure on supports.

5 Unscrew the wheel bolts.



Replacement: brake pads – AUDI Allroad (4BH, C5). Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

6 Remove the wheel.



7 Disconnect the brake pads wear sensor. Use a crowbar.



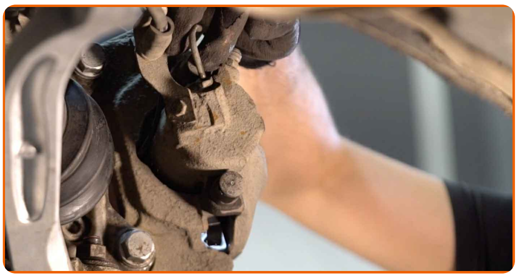
Please note!

- Some cars are not equipped with the brake pad wear sensor.

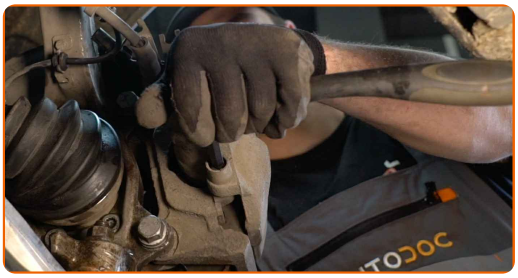
8 Spread the brake pads. Use a crowbar.



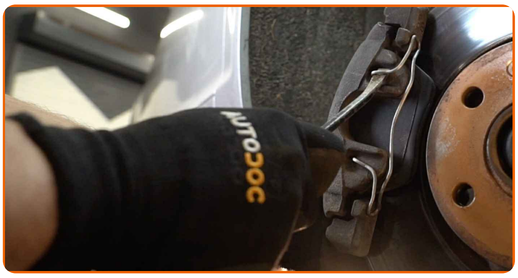
9 Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.



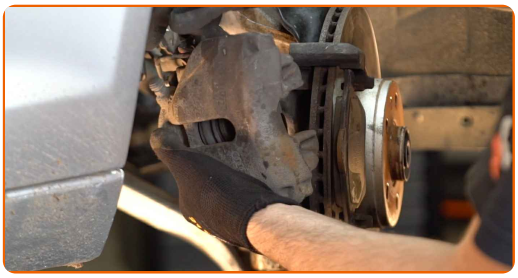
10 Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.



11 Detach the brake caliper retaining spring. Use a crowbar.



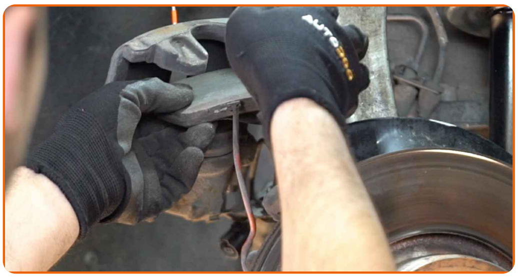
12 Remove the brake caliper.



Replacement: brake pads – AUDI Allroad (4BH, C5). AUTODOC experts recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

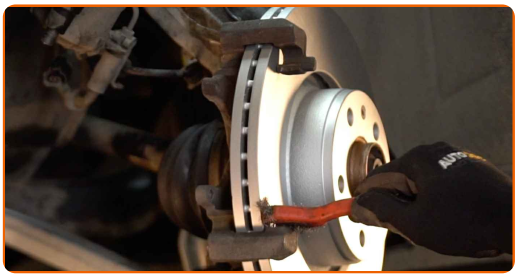
13 Remove the brake pads.



Replacement: brake pads – AUDI Allroad (4BH, C5). Tip from AUTODOC:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

14 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



Replacement: brake pads – AUDI Allroad (4BH, C5). Professionals recommend:

- After applying the spray, wait a few minutes.

15 Treat the brake caliper piston. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake pads – AUDI Allroad (4BH, C5). After applying the spray, wait a few minutes.

16 Press in the brake caliper piston. Use brake caliper wind back tool.



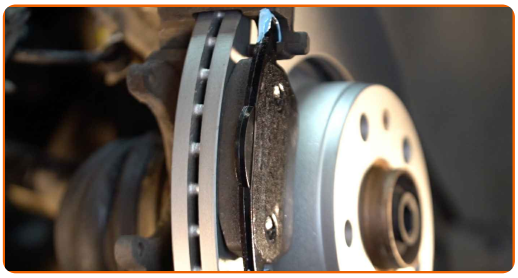
17 Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



AUTODOC recommends:

- Make sure the disc surface is clean before installing the pads.

18 Install new brake pads.



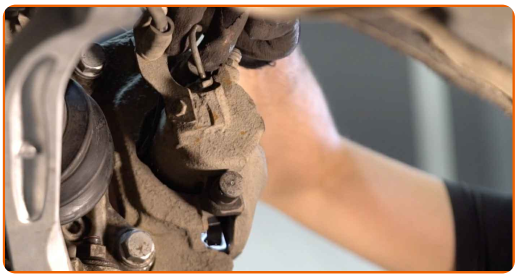
Replacement: brake pads – AUDI Allroad (4BH, C5). Tip from AUTODOC:

- Make sure the pads are installed with linings facing the disc.

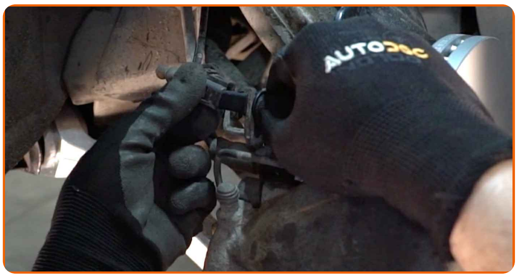
19 Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



20 Install the dust boot caps of the brake caliper guide pins.



21 Connect the brake pads wear sensor.



22 Install the brake caliper retaining spring. Use a crowbar.



23 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



24 Clean the brake disk surface. Use a brake cleaner.



Replacement: brake pads – AUDI Allroad (4BH, C5). Tip from AUTODOC experts:

- After applying the spray, wait a few minutes.

25 Install the wheel.



Replacement: brake pads – AUDI Allroad (4BH, C5). AUTODOC recommends:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

26 Screw in the wheel bolts. Use wheel impact socket #17.



27 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.



28 Remove the jacks and chocks.



AUTODOC recommends:

- Important! Replacement: brake pads – AUDI Allroad (4BH, C5). Check the brake fluid level in the reservoir and top up if necessary.

29 Tighten the brake fluid reservoir cap.

AUTODOC recommends:

- AUDI Allroad (4BH, C5) – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

30 Close the hood.

Replacement: brake pads – AUDI Allroad (4BH, C5). Professionals recommend:

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unneccessary and sharp braking to a stop.

WELL DONE!

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